



SEQUENCE LISTING

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Wood, Keith V.
Hartnett, James Robert
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<120> Vectors for Directional Cloning

<130> 341.030US1

<140> 10/702,228

<141> 2003-11-05

<150> 10/678,961

<151> 2003-10-03

<160> 92

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cgccatgnnn n

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nnnnnnngtct tc

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Thr Cys Ala Ser Thr Asn Asn Phe Leu Ser Tyr Cys
1 5 10

<210> 27
<211> 19
<212> PRT
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<220>
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<400> 27
Thr Gly Thr Cys Arg Asn Asn Ile Met Val Thr Ala Asn Lys Asp Glu
1 5 10 15
Ser Arg Gly

<210> 28
<211> 13
<212> PRT
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<220>
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<400> 28
Thr Asn Asn Phe Leu Ser Tyr Cys Trp Ala Thr Cys Ile
1 5 10

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<400> 29
Thr Cys Thr Ser Cys Asn Asn Leu Pro His Gln Arg
1 5 10

<210> 30
<211> 12
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Thr Gly Thr Cys Cys Asn Asn Leu Pro His Gln Arg
1 5 10

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 1 5 10

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1 5 10

<210> 42
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Thr Cys Cys Ser Trp Asn Asn Ile Met Thr Asn Lys Ser Arg Phe Leu
1 5 10 15
Tyr Cys

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Thr Cys Cys Ser
1

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Thr Tyr Ala Phe Leu Ser Cys Asn Asn Leu Pro His Gln Arg
1 5 10

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 1 5 10 15
 Arg

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 Thr Asn Asn Phe Leu Ser Tyr Cys Trp Arg Thr Gly Met Val
 1 5 10

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 Thr Gly Cys Cys Ala Asn Asn Ile Met Thr Asn Lys Ser Arg
 1 5 10

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 Thr Gly Gly Cys Cys Asn Asn Leu Pro His Gln Arg
 1 5 10

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<210> 50
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 1 5 10

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 1 5 10

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10

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Thr Ala Cys Tyr
1

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1 5 10

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1 5 10

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1 5

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1 5 10

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1 5 10

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 1 5 10

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 <400> 66
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 1 5 10

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 1 5 10

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 1 5 10

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 <220>
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 <223> n = A, T, C, or G, wherein n_1 - n_3 , n_2n_3G , or n_3GC is codon which is
 not a stop codon

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 nnn nc atg gc gat 13

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 <222> 1-3
 <223> n = A, T, G or C, wherein n_1 - n_3 is a codon that does not encode
 for a stop codon

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 <222> 8-9
 <223> n = A, T, G, or C, wherein TN4N5 is a codon that
 does not code for a stop codon

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 <223> n = one or more codons

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 nnnngtttnnn 10

<210> 73
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gctcttcnnn n 11

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 cccacannnn nnnnnnnn 18

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<400> 85
 Lys Glu Gln Gly Ala Ile Ala Met
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<210> 86
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<400> 87
 nnngtttatc n 11

<210> 88
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<210> 89
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<210> 91
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<400> 91
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10